

|   |  |                                  |  |  |   |
|---|--|----------------------------------|--|--|---|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |  |                                  |  | 1. CONTRACT ID CODE  | PAGE(S)<br>1 of 3                                     |
| 2. AMENDMENT/MODIFICATION NO.<br><b>16</b>  |  | 3. EFFECTIVE DATE<br>See Blk 16c |  | 4. REQUISITION/PURCHASE REQ. NO.<br>See Blk 14 As Applicable | 5. PROJECT NO. (If applicable)                        |
| 6. ISSUED BY<br>NASA<br>Goddard Space Flight Center<br>Wallops Flight Facility<br>Wallops Island, VA 23337  |  |                                  |  | 7. ADMINISTERED BY (If other than Item 6)                    |   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>The Cube Corporation<br>45665 Willow Pond Plaza<br>Sterling VA 20164 |  |                                  |  | ( )  | 9A. AMENDMENT OF SOLICITATION NO.                     |
|   |  |                                  |  |  | 9b. DATED (SEE ITEM 11)                               |
|   |  |                                  |  | X  | 10A. MODIFICATION OF CONTRACT/ORDER<br>NO: NAS5-01080 |
|   |  |                                  |  |  | 10B. DATED (SEE ITEM 13): 07-26-01                    |
| CODE:   |  | FACILITY CODE:                   |  |  |   |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

[ ] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/619**

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$8,588,887.76

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

|     |   |
|-----|---|
| ( ) | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|     | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b). |
|     | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
| X   | D. OTHER (Specify type of modification and authority) <b>Unilateral 52.232-22 Limitation of Funds (APR 1984)</b>  |



**E. IMPORTANT:** Contractor [ X ] is not, [ ] is required to sign this document and return \_\_\_\_\_ copies to be issued office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

|   |                  |  |   |
|---|------------------|--|---|
| 15A. NAME AND TITLED OF SIGNER (Type or print)                          |                  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Pamela J. Taylor   |   |
| 15B. CONTRACTOR/OFFEROR<br><br>(Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br>BY <br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br> |

*Contract file*

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

**BASELINE:**

- a. The total amount allotted for payment of cost is revised as follows:

From: \$5,848,758.59                      By: \$71,347.50\*                      To: \$5,920,106.09

- b. The total amount allotted for fee is revised as follows:

From: \$340,403.93                      By: \$4,152.50                      To: \$344,556.43

**IDIQ:**

- a. The total amount allotted for payment of cost is revised as follows:

From: \$1,742,227.49                      By: \$454,145.58\*                      To: \$2,196,373.07

- b. The total amount allotted for fee is revised as follows:

From: \$101,420.42                      By: \$26,431.75                      To: \$127,852.17

- c. The total amount allotted for payment of cost and fee is as follows:

From: \$8,032,810.43                      By: \$556,077.33                      To: \$8,588,887.76

Total amount of funds obligated per this modification is \$556,077.33

The period of performance covered by the allotted funding is 09/01/01 through approximately 02/20/02 .

**3. ACCOUNTING AND APPROPRIATION DATA**

**OBLIGATE**

Incremental Funding

**Baseline:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 200-50782A(1C) | 204-771-50-42-23 | 802/30110(02) | A585       | 20-2550   | \$ 78,000.00  | 3 BL                |
| 200-50784A(1C) | 204-771-50-42-23 | 802/30110(02) | A585       | 20-2550   | \$ 3,000.00   | 6 BL                |
| 200-50786A(1C) | 204-771-50-55-23 | 802/30110(02) | A585       | 20-2550   | \$ 10,000.00  | 6 BL                |
| 840-60819A(1C) | 840-049-67-00-12 | 802/30110(02) | A501       | 84-2590   | \$ 2,500.00   | 3 BL                |

**IDIQ:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 228-01463J(3C) | 228-029-04-02-01 | 801/20110(01) | A585       | 22-2540   | \$ 461.33     | 05-01B-2001**       |
| 200-50782A(1C) | 204-771-50-42-23 | 802/30110(02) | A585       | 20-2550   | \$ 5,000.00   | 04-07-2002          |
| 200-50783A(1C) | 204-771-50-42-23 | 802/30110(02) | A585       | 20-2550   | \$ 5,000.00   | 03-01-2002          |
| 200-50785A(1C) | 204-771-50-42-23 | 802/30110(02) | A585       | 20-2550   | \$ 24,000.00  | 05-07A-2001         |
| 200-50973A(1C) | 204-771-50-62-22 | 802/30110(02) | A585       | 20-2540   | \$178,116.00  | 10-02-2002          |
| 228-51597J(1C) | 228-4870-1-37-01 | 801/30112(01) |            | 22-2550   | \$ 99,467.00  | 04-15A-2001         |
| 228-51597J(1C) | 228-4870-1-37-01 | 801/30112(01) |            | 22-2550   | \$ 533.00     | 04-01-2001          |
| 452-54593A(1C) | 452-329-20-30-02 | 802/30111(02) | A501       | 45-2590   | \$ 8,000.00   | 04-14-2001          |
| 452-54593A(1C) | 452-329-20-30-02 | 802/30111(02) | A501       | 45-2590   | \$ 14,000.00  | 04-16-2001          |
| 452-54593A(1C) | 452-329-20-30-02 | 802/30111(02) | A501       | 45-2590   | \$ 8,000.00   | 04-04-2001          |
| 452-54593A(1C) | 452-329-20-30-02 | 802/30111(02) | A501       | 45-2590   | \$ 120,000.00 | 04-02-2001          |

\*\$18,000.00 was subtracted from SOW 3 Baseline funding and moved into SOW 3 IDIQ Task Order 03-02A-2002 to fund the snow removal task.. Accounting and Appropriation data is from Modification 13, PCN 228-51687H.

\*\*Deobligated on contract NAS5-32295, Mod 102 dated 1/15/2002.

4. No other changes to the subject contract are made by issuance of this modification.

|   |                                  |  |   |                     |                   |
|---|----------------------------------|--|---|---------------------|-------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |                                  |  |   | 1. CONTRACT ID CODE | PAGE(S)<br>1 of 6 |
| 2. AMENDMENT/MODIFICATION NO.<br>17   | 3. EFFECTIVE DATE<br>See Blk 16c | 4. REQUISITION/PURCHASE REQ. NO.<br>See Blk 14 As Applicable | 5. PROJECT NO. (if applicable)                        |                     |                   |
| 6. ISSUED BY<br>NASA<br>Goddard Space Flight Center<br>Wallops Flight Facility<br>Wallops Island, VA 23337  |                                  | 7. ADMINISTERED BY (if other than Item 6)                    |   |                     |                   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>The Cube Corporation<br>45665 Willow Pond Plaza<br>Sterling VA 20164 |                                  | ( )  | 9A. AMENDMENT OF SOLICITATION NO.                     |                     |                   |
|   |                                  |  | 9b. DATED (SEE ITEM 11)                               |                     |                   |
|   |                                  | X  | 10A. MODIFICATION OF CONTRACT/ORDER<br>NO: NAS5-01080 |                     |                   |
|   |                                  |  | 10B. DATED (SEE ITEM 13): 07-26-01                    |                     |                   |
| CODE:   | FACILITY CODE:                   |  |   |                     |                   |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/619**

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$10,079,435.86

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

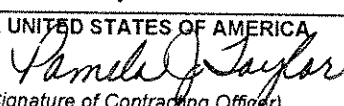
|     |   |
|-----|---|
| ( ) | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|     | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b). |
|     | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
| X   | D. OTHER (Specify type of modification and authority) <b>Unilateral 52.232-22 Limitation of Funds (APR 1984)</b>  |

**E. IMPORTANT:** Contractor [ X ] is not, [ ] is required to sign this document and return \_\_\_\_\_ copies to be issued office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)**  
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

|   |                  |  |                                 |
|---|------------------|--|---------------------------------|
| 15A. NAME AND TITLED OF SIGNER (Type or print)                          |                  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Pamela J. Taylor   |                                 |
| 15B. CONTRACTOR/OFFEROR<br><br>(Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br>BY <br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br>12 Feb 2002 |

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

**BASELINE:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$5,920,106.09                      By: \$764,122.28                      To: \$6,684,228.37

b. The total amount allotted for fee is revised as follows:

From: \$344,556.43                      By: \$44,472.72                      To: \$389,029.15

**IDIQ:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$2,196,373.07                      By: \$644,445.68                      To: \$2,840,818.75

b. The total amount allotted for fee is revised as follows:

From: \$127,852.17                      By: \$37,507.42                      To: \$165,359.59

c. The total amount allotted for payment of cost and fee is as follows:

From: \$8,588,887.76                      By: \$1,490,548.10                      To: \$10,079,435.86

Total amount of funds obligated per this modification is \$1,490,548.10

The period of performance covered by the allotted funding is 09/01/01 through approximately 3/8/2002.

### 3. ACCOUNTING AND APPROPRIATION DATA

#### OBLIGATE

##### Incremental Funding

##### Baseline:

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 228-51643A(1C) | 228-029-07-01-02 | 802/30110(02) | A200       | 22-2540   | \$ 56,400.00  | 6 BL                |
| 228-51643B(1C) | 228-029-04-01-03 | 802/30110(02) | A200       | 22-2540   | \$300,000.00  | 3 BL                |
| 228-51643C(1C) | 228-029-06-06-01 | 802/30110(02) | A201       | 22-2550   | \$ 3,400.00   | 3 BL                |
| 452-04108C(3C) | 452-329-20-30-02 | 801/20110(01) | A501       | 45-2540   | \$ 5,000.00   | 10 BL*              |
| 200-50776B(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 62,000.00  | 3 BL                |
| 200-50776E(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 9,000.00   | 6 BL                |
| 200-50776F(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 35,000.00  | 10 BL               |
| 200-50776G(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 5,000.00   | 12 BL               |
| 200-50776H(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 29,00.00   | 14 BL               |
| 200-50776I(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 39,000.00  | 15 BL               |
| 200-50776J(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 20,000.00  | 16 BL               |
| 200-50873A(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 3,091.00   | 2 BL                |
| 200-50873B(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 57,024.00  | 3 BL                |
| 200-50873E(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 21,131.00  | 6 BL                |
| 200-50873F(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 53,442.00  | 10 BL               |
| 200-50873G(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 12,748.00  | 12 BL               |
| 200-50873H(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 33,704.00  | 14BL                |
| 200-50873I(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 45,238.00  | 15 BL               |
| 200-50873J(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 16,032.00  | 16 BL               |
| 840-60820A(1C) | 846-329-96-50-05 | 802/30111     | A501       | 84-2590   | \$ 975.00     | 3 BL                |
| 840-60820B(1C) | 846-329-96-50-06 | 802/30111     | A501       | 84-2590   | \$ 1,410.00   | 3 BL                |

##### IDIQ:

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 801-10124A(3C) | 800-049-59-03-01 | 801/20110(01) | A801       | 80-2590   | \$ 11,300.00  | 04-02-2001*         |
| 452-04108C(3C) | 452-329-20-30-02 | 801/20110(01) | A501       | 45-2540   | \$ 15,000.00  | 04-02-2001*         |
| 453-04235A(3C) | 453-321-20-50-01 | 801/20110(01) | A501       | 45-2550   | \$ 25,000.00  | 04-04-2001*         |
| 453-04235B(3C) | 453-321-20-23-03 | 801/20110(01) | A501       | 45-2550   | \$ 36,286.00  | 04-08-2001*         |
| 200-50776A(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 14,585.00  | 02-13A-2001         |
| 200-50776A(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 8,061.00   | 02-14A-2001         |
| 200-50776C(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 5,000.00   | 04-12-2002          |
| 200-50776D(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 6,000.00   | 05-02B-2001         |
| 200-50776H(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 4,500.00   | 14.8-02-2001        |
| 200-50776I(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 2,300.00   | 15-01-2002          |
| 200-50873A(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 10,525.00  | 02-13A-2001         |
| 200-50873A(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 8,613.00   | 02-14A-2001         |
| 200-50873C(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 40,000.00  | 04-13-2002          |

**IDIQ (Con't):**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 200-50873D(1C) | 204-771-50-50-21 | 802/30110(02) | A585       | 22-2550   | \$ 13,102.00  | 05-06A-2001         |
| 840-60820A(1C) | 846-329-96-50-05 | 802/30111     | A501       | 84-2590   | \$ 1,040.00   | 10-03-2002          |
| 840-60820B(1C) | 846-329-96-50-06 | 802/30111     | A501       | 84-2590   | \$ 1,040.00   | 10-03-2002          |
| 200-50787A(1C) | 204-771-50-63-23 | 802/30110(02) | A585       | 22-2550   | \$ 45,000.00  | 04-11-2002          |
| 228-51689A(1C) | 228-029-04-01-07 | 802/30110(02) | A201       | 22-2540   | \$ 84,870.00  | 04-17-2001          |
| 228-51689B(1C) | 228-029-04-01-12 | 802/30110(02) | A201       | 22-2540   | \$ 7,496.00   | 04-17-2001          |
| 228-51689C(1C) | 228-029-04-01-12 | 802/30110(02) | A201       | 22-2540   | \$ 18,583.00  | 04-17-2001          |
| 228-51606A(1C) | 228-029-05-01-05 | 802/30110(02) | A701       | 22-2550   | \$ 25,000.00  | 04-08-2002          |
| 228-51606B(1C) | 228-9760-1-38-02 | 801/30112(01) |            | 22-2550   | \$ 36,004.00  | 02-17-2002          |
| 228-51606C(1C) | 228-9760-1-38-06 | 801/30112(01) |            | 22-2550   | \$ 55,537.00  | 02-15-2002          |
| 228-51606D(1C) | 228-029-05-01-02 | 802/30110(02) | A701       | 22-2550   | \$ 25,921.00  | 04-05-2002          |
| 228-51606D(1C) | 228-029-05-01-02 | 802/30110(02) | A701       | 22-2550   | \$ 8,574.00   | 04-06-2002          |
| 228-51606E(1C) | 228-029-05-01-04 | 802/30110(02) | A200       | 22-2550   | \$ 60,000.00  | 02-10A-2001         |
| 228-51606F(1C) | 228-029-05-01-04 | 802/30110(02) | A701       | 22-2550   | \$ 30,000.00  | 04-21B-2001         |
| 228-51607A(1C) | 220-029-03-01-02 | 802/30110(02) | A501       | 22-2540   | \$ 40,000.00  | 02-38-2002          |
| 228-51607A(1C) | 220-029-03-01-02 | 802/30110(02) | A501       | 22-2540   | \$ 40,000.00  | 02-39-2002          |
| 972-64445A(1C) | 972-621-15-70-01 | 801/20110(01) | A501       | 97-2550   | \$ 6,616.10   | 04-02-2001          |

\*Deobligated on contract NAS5-97197, Mod 129 dated 2/5/2002.

**DEOBLIGATE:****IDIQ:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> | <u>Mod #</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|--------------|
| 228-10545E(2C) | 228-4910-1-37-01 | 801/30112(01) |            | 22-2550   | \$4,000.00    | 02-01-2001          | 2            |

**4. Administrative Changes**

The following changes are necessary to reallocate funding.

**A. FROM:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> | <u>MOD #</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|--------------|
| 803-10148C(1C) | 803-029-09-02-01 | 801/20110(01) | A504       | 80-2540   | \$ 30,000.00  | 10BL                | 2            |

**TO:**

| <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|---------------|---------------------|
| \$ 30,000.00  | 11 BL               |

**B. FROM:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> | <u>MOD #</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|--------------|
| 228-01556A(1C) | 228-029-03-01-03 | 801/20110(01) | A501       | 22-2540   | \$ 25,467.00  | 02-10-2001          | 2            |

**TO:**

| <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|---------------|---------------------|
| \$ 25,467.00  | 2 BL                |

**C. FROM:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> | <u>MOD #</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|--------------|
| 228-01556B(1C) | 228-029-03-01-03 | 801/20110(01) | A501       | 22-2540   | \$ 50,933.00  | 02-10-2001          | 2            |

**TO:**

| <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|---------------|---------------------|
| \$ 50,933.00  | 2 BL                |

**D. FROM:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> | <u>MOD #</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|--------------|
| 228-01545F(1C) | 228-029-03-01-03 | 801/20110(01) | A501       | 22-2540   | \$ 27,000.00  | 02-01-2001          | 2            |

**TO:**

| <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|---------------|---------------------|
| \$ 27,000.00  | 02-06-2001          |

**E. FROM:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> | <u>MOD #</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|--------------|
| 228-51597E(1P) | 228-029-03-01-03 | 802/30110(02) | A501       | 22-2540   | \$ 44,493.00  | 2 BL                | 11           |

**TO:**

| <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|---------------|---------------------|
| \$ 8,314.00   | 02-18-2002          |
| \$ 14,750.00  | 02-33-2002          |
| \$ 21,529.00  | 02-35-2002          |

**F. FROM:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> | <u>MOD #</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|--------------|
| 228-01527D(1C) | 228-9760-9-38-01 | 809/10112(99) |            | 22-2540   | \$ 30,000.00  | 02-06-2001          | 2            |

**TO:**

| <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|---------------|---------------------|
| \$ 30,000.00  | 02-03-2002          |



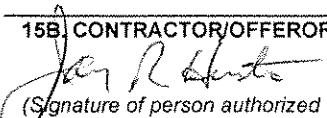
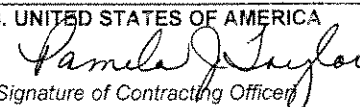
**G. FROM:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> | <u>MOD #</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|--------------|
| 200-00802A(1C) | 238-771-50-54-23 | 801/20110(01) | A585       | 22-2540   | \$ 60,000.00  | 3 BL                | 3            |
| 200-00802B(1C) | 238-771-50-54-23 | 801/20110(01) | A585       | 22-2540   | \$160,000.00  | 3 BL                | 3            |

**TO:**

| <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|---------------|---------------------|
| \$ 800.00     | 2-BL                |
| \$ 91,700.00  | 3 BL                |
| \$ 12,400.00  | 6 BL                |
| \$ 43,700.00  | 10 BL               |
| \$ 7,900.00   | 12 BL               |
| \$ 16,600.00  | 14 BL               |
| \$ 28,000.00  | 15 BL               |
| \$ 11,300.00  | 16 BL               |
| \$ 700.00     | 02-13A-2001         |
| \$ 4,400.00   | 05-02-2001          |
| \$ 2,500.00   | 14-02-2001          |

5. No other changes to the subject contract are made by issuance of this modification.

|   |   |  |   |                                 |                   |
|---|---|--|---|---------------------------------|-------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |   |  |   | 1. CONTRACT ID CODE             | PAGE(S)<br>1 of 2 |
| 2. AMENDMENT/MODIFICATION NO.<br><b>18</b>  | 3. EFFECTIVE DATE<br>See Blk 16c  | 4. REQUISITION/PURCHASE REQ. NO.<br>See Blk 14 As Applicable   | 5. PROJECT NO. (If applicable)                        |                                 |                   |
| 6. ISSUED BY<br>NASA<br>Goddard Space Flight Center<br>Wallops Flight Facility<br>Wallops Island, VA 23337  |   | 7. ADMINISTERED BY (If other than Item 6)  |   |                                 |                   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>The Cube Corporation<br>45665 Willow Pond Plaza<br>Sterling VA 20164   |   | ( )  | 9A. AMENDMENT OF SOLICITATION NO.                     |                                 |                   |
|   |   |  | 9b. DATED (SEE ITEM 11)                               |                                 |                   |
|   |   | X  | 10A. MODIFICATION OF CONTRACT/ORDER<br>NO: NAS5-01080 |                                 |                   |
| CODE:   | FACILITY CODE:  |  | 10B. DATED (SEE ITEM 13): 07-26-01                    |                                 |                   |
| <b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>  |   |  |   |                                 |                   |
| [ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended. [ ] is not extended.   |   |  |   |                                 |                   |
| Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. |   |  |   |                                 |                   |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/619<br>TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$10,079,435.86   |   |  |   |                                 |                   |
| <b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,<br/>IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>   |   |  |   |                                 |                   |
| ( )   | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |  |   |                                 |                   |
|   | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b). |  |   |                                 |                   |
| X   | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br>FAR 52.243.2 Changes-Cost Reimbursable  |  |   |                                 |                   |
|   | D. OTHER (Specify type of modification and authority)   |  |   |                                 |                   |
| <b>E. IMPORTANT:</b> Contractor [ ] is not, [ X ] is required to sign this document and return <u>3</u> copies to be issued office.   |   |  |   |                                 |                   |
| <b>14. DESCRIPTION OF AMENDMENT/MODIFICATION</b> (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)<br>Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.  |   |  |   |                                 |                   |
| 1. The purpose of this modification is to revise Section C.1 of the subject contract.   |   |  |   |                                 |                   |
| (Continued on page 2)   |   |  |   |                                 |                   |
| 15A. NAME AND TITLED OF SIGNER (Type or print)  |   | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Pamela J. Taylor   |   |                                 |                   |
| 15B. CONTRACTOR/OFFEROR<br><br>(Signature of person authorized to sign)   | 15C. DATE SIGNED<br>2/12/02   | 16B. UNITED STATES OF AMERICA<br>BY <br>(Signature of Contracting Officer) |   | 16C. DATE SIGNED<br>13 Feb 2002 |                   |

A. The following administrative changes are made to the subject contract:

CONTRACT CHANGES:

Section C.1 Scope of Work is changed to add the words ``procure and/or`` to the first sentence of this clause.

B. This modification results in no additional cost to the Government.

C. All other terms and conditions remain the same.

|   |  |                                  |  |   |                   |
|---|--|----------------------------------|--|---|-------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |  |                                  |  | 1. CONTRACT ID CODE                                   | PAGE(S)<br>1 of 3 |
| 2. AMENDMENT/MODIFICATION NO.<br><b>19</b>  |  | 3. EFFECTIVE DATE<br>See Blk 16c | 4. REQUISITION/PURCHASE REQ. NO.<br>See Blk 14 As Applicable | 5. PROJECT NO. (If applicable)                        |                   |
| 6. ISSUED BY<br>NASA<br>Goddard Space Flight Center<br>Wallops Flight Facility<br>Wallops Island, VA 23337  |  |                                  | 7. ADMINISTERED BY (If other than Item 6)                    |   |                   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>The Cube Corporation<br>45665 Willow Pond Plaza<br>Sterling VA 20164 |  |                                  | ( )  | 9A. AMENDMENT OF SOLICITATION NO.                     |                   |
|   |  |                                  |  | 9b. DATED (SEE ITEM 11)                               |                   |
|   |  |                                  | X  | 10A. MODIFICATION OF CONTRACT/ORDER<br>NO: NAS5-01080 |                   |
|   |  |                                  |  | 10B. DATED (SEE ITEM 13): 07-26-01                    |                   |
| CODE:   |  | FACILITY CODE:                   |  |   |                   |

# 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/619

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$10,379,005.86

# 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

|     |   |
|-----|---|
| ( ) | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|     | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b). |
|     | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
| X   | D. OTHER (Specify type of modification and authority) <b>Unilateral 52.232-22 Limitation of Funds (APR 1984)</b>  |

**E. IMPORTANT:** Contractor [ X ] is not, [ ] is required to sign this document and return \_\_\_\_\_ copies to be issued office.

# 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

|  |                  |   |                                      |
|--|------------------|---|--------------------------------------|
| 15A. NAME AND TITLED OF SIGNER (Type or print) |                  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Pamela J. Taylor                    |                                      |
| 15B. CONTRACTOR/OFFEROR                        | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br>BY <i>Pamela J. Taylor</i><br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br><i>2-22-2002</i> |
| (Signature of person authorized to sign)       |                  |   |                                      |

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

**BASELINE:**

- a. The total amount allotted for payment of cost is revised as follows:

From: \$6,684,228.37                      By: \$35,910.00                      To: \$6,720,138.37

- b. The total amount allotted for fee is revised as follows:

From: \$389,029.15                      By: \$2,090.00                      To: \$391,119.15

**IDIQ:**

- a. The total amount allotted for payment of cost is revised as follows:

From: \$2,840,818.75                      By: \$247,183.65                      To: \$3,088,002.40

- b. The total amount allotted for fee is revised as follows:

From: \$165,359.59                      By: \$14,386.35                      To: \$179,745.94

- c. The total amount allotted for payment of cost and fee is as follows:

From: \$10,079,435.86                      By: \$299,570.00                      To: \$10,379,005.86

Total amount of funds obligated per this modification is \$299,570.00

The period of performance covered by the allotted funding is 09/01/01 through approximately 3/14/2002.

### 3. ACCOUNTING AND APPROPRIATION DATA

#### **OBLIGATE**

##### Incremental Funding

#### **Baseline:**

| <u>PCN</u>         | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|--------------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 200-50873-000A(1C) | 204-771-50-50-21 | 802/30110(02) | A101       | 22-2550   | \$ 13,500.00  | 3 BL                |
| 200-50873-000B(1C) | 204-771-50-50-21 | 802/30110(02) | A101       | 22-2550   | \$ 26,500.00  | 10 BL               |

#### **IDIQ:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 228-51606G(1C) | 228-9760-0-38-01 | 800/20112(00) |            | 22-2550   | \$ 36,978.00  | 02-12-2002          |
| 228-51606H(1C) | 228-9760-1-38-05 | 801/30112(01) |            | 22-2550   | \$ 10,497.00  | 02-14-2002          |
| 228-51606I(1C) | 228-9760-1-38-01 | 801/30112(01) |            | 22-2550   | \$103,627.00  | 02-11-2002          |
| 228-51606J(1C) | 228-9760-1-38-04 | 801/30112(01) |            | 22-2550   | \$ 79,953.00  | 02-13-2002          |
| 820-60754A(1C) | 802-755-02-01-02 | 802/30110(02) | A201       | 82-2590   | \$ 19,000.00  | 04-10-2002          |
| 820-60754B(1C) | 820-353-87-01-10 | 802/30110(02) | A504       | 82-2590   | \$ 3,500.00   | 04-10-2002          |
| 840-60827A(1C) | 840-049-67-00-12 | 802/30110     | A501       | 84-2590   | \$ 5,000.00   | 04-02-2001          |
| 840-60826A(1C) | 840-329-96-50-02 | 802/30111     | A501       | 84-2590   | \$ 3,015.00   | 04-02-2001          |

#### **DEOBLIGATE:**

#### **IDIQ:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> | <u>Mod #</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|--------------|
| 803-60569B(2C) | 803-029-09-03-03 | 802/20110(02) | A200       | 80-2590   | \$2,000.00    | SOW 11              | 8            |

4. No other changes to the subject contract are made by issuance of this modification.

|   |  |                                  |  |  |  |   |  |
|---|--|----------------------------------|--|--|--|---|--|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |  |                                  |  | 7. CONTRACT ID CODE  |  | PAGE(S)<br>1 of 4                                     |  |
| 2. AMENDMENT/MODIFICATION NO.<br><b>20</b>  |  | 3. EFFECTIVE DATE<br>See Blk 16c |  | 4. REQUISITION/PURCHASE REQ. NO.<br>See Blk 14 As Applicable |  | 5. PROJECT NO. (If applicable)                        |  |
| 6. ISSUED BY<br>NASA<br>Goddard Space Flight Center<br>Wallops Flight Facility<br>Wallops Island, VA 23337  |  |                                  |  | 7. ADMINISTERED BY (If other than Item 6)                    |  |   |  |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>The Cube Corporation<br>45665 Willow Pond Plaza<br>Sterling VA 20164 |  |                                  |  | ()   |  | 9A. AMENDMENT OF SOLICITATION NO.                     |  |
|   |  |                                  |  |  |  | 9B. DATED (SEE ITEM 11)                               |  |
|   |  |                                  |  | X  |  | 10A. MODIFICATION OF CONTRACT/ORDER<br>NO: NAS5-01080 |  |
|   |  |                                  |  |  |  | 10B. DATED (SEE ITEM 13): 07-26-01                    |  |
| CODE:   |  | FACILITY CODE:                   |  |  |  |   |  |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/619**

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$10,500,604.86

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

|    |   |
|----|---|
| () | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|    | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b). |
|    | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
| X  | D. OTHER (Specify type of modification and authority) <b>Unilateral 52.232-22 Limitation of Funds (APR 1984)</b>  |

**E. IMPORTANT:** Contractor [ X ] is not, [ ] is required to sign this document and return \_\_\_\_\_ copies to be issued office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

|   |                  |   |   |
|---|------------------|---|---|
| 15A. NAME AND TITLED OF SIGNER (Type or print)                          |                  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Pamela J. Taylor                    |   |
| 15B. CONTRACTOR/OFFEROR<br><br>(Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br>BY <i>Pamela J. Taylor</i><br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br><i>1 March 2002</i> |

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

**BASELINE:**

- a. The total amount allotted for payment of cost is revised as follows:

From: \$6,720,138.37                      By: \$68,040.00                      To: \$6,788,178.37

- b. The total amount allotted for fee is revised as follows:

From: \$391,119.15                      By: \$3,960.00                      To: \$395,079.15

**IDIQ:**

- a. The total amount allotted for payment of cost is revised as follows:

From: \$3,088,002.40                      By: \$46,871.05                      To: \$3,134,873.45

- b. The total amount allotted for fee is revised as follows:

From: \$179,745.94                      By: \$2,727.95                      To: \$182,473.89

- c. The total amount allotted for payment of cost and fee is as follows:

From: \$10,379,005.86                      By: \$121,599.00                      To: \$10,500,604.86

Total amount of funds obligated per this modification is \$121,599.00

The period of performance covered by the allotted funding is 09/01/01 through approximately 3/15/2002.



### 3. ACCOUNTING AND APPROPRIATION DATA

#### OBLIGATE

##### Incremental Funding

##### Baseline:

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 157-50588A(1C) | 151-010-08-03-03 | 802/30110(02) | A501       | 15-2550   | \$ 57,000.00  | 16 BL               |
| 228-51643D(1C) | 298-771-50-70-22 | 802/30110(02) | A200       | 22-2550   | \$ 15,000.00  | 7 BL                |

##### IDIQ:

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 228-51607B(1C) | 228-5351-1-44-01 | 801/30112(01) |            | 22-2550   | \$ 30,202.00  | 02-22-2002          |
| 228-51607C(1C) | 228-9760-1-38-03 | 801/30112(01) |            | 22-2550   | \$ 22,212.00  | 02-16-2002          |
| 228-51608A(1C) | 228-9760-1-38-02 | 801/30112(01) |            | 22-2550   | \$ 10,500.00  | 02-07-2001          |
| 228-51608B(1C) | 228-4870-1-37-01 | 801/30112(01) |            | 22-2550   | \$ 484.00     | 02-01-2001          |

#### DEOBLIGATE:

##### IDIQ:

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> | <u>Mod #</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|--------------|
| 228-51606D(2P) | 228-029-05-01-02 | 802/30110(02) |            | 22-2540   | \$8,574.00    | 04-06-2002          | 17           |
| 820-60754A(2P) | 802-755-02-01-02 | 802/30110(02) | A201       | 82-2590   | \$5,225.00    | 04-10-2002          | 19           |

### 4. Administrative Changes

The following changes are necessary to reallocate funding.

| <u>PCN</u> | <u>JON</u>           | <u>AMOUNT</u> | <u>FROM SOW &amp; TO</u> | <u>MOD #</u> | <u>TO SOW &amp; TO</u>  |
|------------|----------------------|---------------|--------------------------|--------------|---|
| 228-01527D | 228-9760-9-38-01(99) | \$ 30,000.00  | 02-03-2002               | 17           | 02-06-2001  |
| 228-51597E | 228-029-03-01-03(02) | \$ 39,407.00  | 2 BL                     | 11           | 02-05-2002 (\$2,823.00)<br>02-34-2002 (\$8,045.00)<br>02-24-2002 (\$6,257.00)<br>02-01-2001 (\$20,000.00)<br>02-03-2001 (\$200.00)<br>02-08-2001 (\$2,082.00) |
| 228-01556B | 228-029-03-01-03(01) | \$ 40,000.00  | 2 BL                     | 2 & 17       | 02-06-2001  |
| 228-51687J | 228-029-03-01-03(02) | \$40,000.00   | 2 BL                     | 13           | 02-08-2001  |
| 228-01549D | 228-020-05-01-02(01) | \$17,000.00   | 04-01-2001               | 6            | 04-23A-2001   |
| 228-01554H | 228-029-05-01-09(01) | \$25,000.00   | 04-01-2001               | 6            | 04-02-2002  |
| 228-51687J | 228-029-03-01-03(02) | \$ 2,400.00   | 2 BL                     | 13           | 02-08-2001  |
| 228-51606A | 228-029-05-01-05(02) | \$ 381.00     | 04-08-2002               | 17           | 04-01-2001  |
| 840-10472A | 846-329-96-50-05(01) | \$ 500.00     | 3 BL                     | 2            | 04-02-2001  |
| 830-10392A | 840-992-35-01-01(01) | \$10,000.00   | 3 BL                     | 3            | 05-03-2001  |

Contract NAS5-01080  
Modification 20  
Page 4 of 4

| <u>PCN</u> | <u>JON</u>           | <u>AMOUNT</u> | <u>FROM SOW &amp; TO</u> | <u>MOD #</u> | <u>TO SOW &amp; TO</u>                             |
|------------|----------------------|---------------|--------------------------|--------------|--|
| 830-60792A | 830-992-00-01-42(02) | \$ 5,000.00   | 3 BL                     | 13           | 04-02-2001   |
| 830-60788A | 830-992-00-01-42(02) | \$ 2,500.00   | 3 BL                     | 7            | 04-02-2001   |
| 830-60790A | 830-992-35-01-01(02) | \$50,000.00   | 3 BL                     | 7            | 05-03-2001(\$10,000.00)<br>04-02-2001(\$40,000.00) |
| 840-60820A | 846-329-96-50-05(02) | \$ 975.00     | 3 BL                     | 17           | 04-02-2001   |
| 840-60820B | 846-329-96-50-06(02) | \$ 1,410.00   | 3 BL                     | 17           | 04-02-2001   |
| 840-60819A | 840-049-67-00-02(02) | \$ 2,500.00   | 3 BL                     | 16           | 04-02-2001   |

5. No other changes to the subject contract are made by issuance of this modification.

|   |  |                                  |  |  |   |
|---|--|----------------------------------|--|--|---|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |  |                                  |  | 1. CONTRACT ID CODE  | PAGE(S)<br>1 of 3                                     |
| 2. AMENDMENT/MODIFICATION NO.<br><b>21</b>  |  | 3. EFFECTIVE DATE<br>See Blk 16c |  | 4. REQUISITION/PURCHASE REQ. NO.<br>See Blk 14 As Applicable | 5. PROJECT NO. (If applicable)                        |
| 6. ISSUED BY<br>NASA<br>Goddard Space Flight Center<br>Wallops Flight Facility<br>Wallops Island, VA 23337  |  |                                  |  | 7. ADMINISTERED BY (If other than Item 6)                    |   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>The Cube Corporation<br>45665 Willow Pond Plaza<br>Sterling VA 20164 |  |                                  |  | ( )  | 9A. AMENDMENT OF SOLICITATION NO.                     |
|   |  |                                  |  |  | 9b. DATED (SEE ITEM 11)                               |
|   |  |                                  |  | X  | 10A. MODIFICATION OF CONTRACT/ORDER<br>NO: NAS5-01080 |
| CODE:   |  | FACILITY CODE:                   |  | 10B. DATED (SEE ITEM 13): 07-26-01                           |   |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/619**  
TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$11,296,686.49

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**


|     |   |
|-----|---|
| ( ) | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|     | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b). |
|     | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
| X   | D. OTHER (Specify type of modification and authority) <b>Unilateral 52.232-22 Limitation of Funds (APR 1984)</b>  |

**E. IMPORTANT:** Contractor [ X ] is not, [ ] is required to sign this document and return \_\_\_\_\_ copies to be issued office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)**  
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

|   |                  |  |                            |
|---|------------------|--|----------------------------|
| 15A. NAME AND TITLED OF SIGNER (Type or print)                          |                  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>James L. Mitchell  |                            |
| 15B. CONTRACTOR/OFFEROR<br><br>(Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br>BY <br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br>3/7/02 |

*file*

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

**BASELINE:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$6,788,178.37                      By: \$00.00                      To: \$6,788,178.37

b. The total amount allotted for fee is revised as follows:

From: \$395,079.15                      By: \$00.00                      To: \$395,079.15

**IDIQ:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$3,134,873.45                      By: \$752,297.14                      To: \$3,887,170.59

b. The total amount allotted for fee is revised as follows:

From: \$182,473.89                      By: \$43,784.49                      To: \$226,258.38

c. The total amount allotted for payment of cost and fee is as follows:

From: \$10,500,604.86                      By: \$796,081.63                      To: \$11,296,686.49

Total amount of funds obligated per this modification is \$796,081.63

The period of performance covered by the allotted funding is 09/01/01 through approximately 3/29/2002.

### 3. ACCOUNTING AND APPROPRIATION DATA

#### **OBLIGATE**

#### Incremental Funding

#### **Baseline:**

| <u>PCN</u> | <u>JON</u> | <u>APP</u> | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|------------|------------|------------|------------|-----------|---------------|---------------------|
|------------|------------|------------|------------|-----------|---------------|---------------------|

#### **IDIQ:**

| <u>PCN</u>         | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|--------------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 200-50778A-001(1C) | 204-771-50-41-23 | 802/30110(02) | A585       | 22-2550   | \$657,647.00  | 04-03C-2002         |
| 200-50976A(1C)     | 298-771-50-32-22 | 801/20110(01) | A585       | 20-2550   | \$ 652.63     | 05-05-2001          |
| 228-51607D(1C)     | 228-029-05-01-02 | 802/30110(02) | A701       | 22-2550   | \$ 11,893.00  | 04-01-2001          |
| 228-51607E(1C)     | 228-5351-1-44-01 | 801/30112(01) |            | 22-2550   | \$ 72,440.00  | 04-14-2002          |
| 228-51607E(1C)     | 228-5351-1-44-01 | 801/30112(01) |            | 22-2550   | \$ 224.00     | 04-01-2001          |
| 810-60629A(1C)     | 810-879-85-53-02 | 802/30110(02) | A501       | 81-2590   | \$ 45,000.00  | 04-02-2001          |
| 820-60757A(1C)     | 820-353-87-01-10 | 802/30110(02) | A504       | 82-2590   | \$ 5,225.00   | 04-10-2002          |
| 840-60825A(1C)     | 848-329-96-50-01 | 802/30111     | A501       | 84-2590   | \$ 2,000.00   | 11-01-2002          |
| 840-60825A(1C)     | 848-329-96-50-01 | 802/30111     | A501       | 84-2590   | \$ 1,000.00   | 15-02-2002          |

#### 4. Administrative Changes

The following changes are necessary to reallocate funding.

| <u>PCN</u> | <u>JON</u>           | <u>AMOUNT</u> | <u>FROM SOW &amp; TO</u> | <u>MOD #</u> | <u>TO SOW &amp; TO</u> |
|------------|----------------------|---------------|--------------------------|--------------|------------------------|
| 228-51687J | 228-029-03-01-03(02) | \$45,567.00   | 2 BL                     | 13           | 02-40-2002             |
| 452-04108C | 452-329-20-30-02(01) | \$ 5,000.00   | 10 BL                    | 17           | 10-02-2001             |

5. No other changes to the subject contract are made by issuance of this modification.

|   |                                  |  |   |   |                                    |
|---|----------------------------------|--|---|---|------------------------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |                                  |  |   | 1. CONTRACT ID CODE                                   | PAGE(S)<br>1 of 3                  |
| 2. AMENDMENT/MODIFICATION NO.<br><b>22</b>  | 3. EFFECTIVE DATE<br>See Blk 16c | 4. REQUISITION/PURCHASE REQ. NO.<br>See Blk 14 As Applicable | 5. PROJECT NO. (If applicable)            |   |                                    |
| 6. ISSUED BY<br>NASA<br>Goddard Space Flight Center<br>Wallops Flight Facility<br>Wallops Island, VA 23337  |                                  |  | 7. ADMINISTERED BY (If other than Item 6) |   |                                    |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>The Cube Corporation<br>45665 Willow Pond Plaza<br>Sterling VA 20164 |                                  |  | ( )                                       | 9A. AMENDMENT OF SOLICITATION NO.                     |                                    |
|   |                                  |  |   | 9b. DATED (SEE ITEM 11)                               |                                    |
|   |                                  |  | X   | 10A. MODIFICATION OF CONTRACT/ORDER<br>NO: NAS5-01080 |                                    |
|   |                                  |  | CODE:                                     | FACILITY CODE:  | 10B. DATED (SEE ITEM 13): 07-26-01 |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/619**  
**TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$12,008,171.50**

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

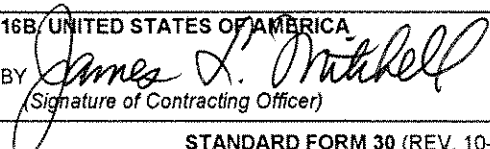
|  |   |
|--|---|
| ( )  | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|  | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b). |
|  | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
| X  | D. OTHER (Specify type of modification and authority) <b>Unilateral 52.232-22 Limitation of Funds (APR 1984)</b>  |
| <b>E. IMPORTANT:</b> Contractor [ X ] is not, [ ] is required to sign this document and return _____ copies to be issued office. |   |

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

|  |                  |  |                            |
|--|------------------|--|----------------------------|
| 15A. NAME AND TITLED OF SIGNER (Type or print) |                  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>James L. Mitchell  |                            |
| 15B. CONTRACTOR/OFFEROR                        | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br>BY <br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br>3/7/02 |
| (Signature of person authorized to sign)       |                  |  |                            |

*file*

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

**BASELINE:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$6,788,178.37                      By: \$621,469.80                      To: \$7,409,648.17

b. The total amount allotted for fee is revised as follows:

From: \$395,079.15                      By: \$36,170.20                      To: \$431,249.35

**IDIQ:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$3,887,170.59                      By: \$50,883.54                      To: \$3,938,054.13

b. The total amount allotted for fee is revised as follows:

From: \$226,258.38                      By: \$2,961.47                      To: \$229,219.85

c. The total amount allotted for payment of cost and fee is as follows:

From: \$11,296,686.49                      By: \$711,485.01                      To: \$12,008,171.50

Total amount of funds obligated per this modification is \$711,485.01

The period of performance covered by the allotted funding is 09/01/01 through approximately 4/11/2002.

3. ACCOUNTING AND APPROPRIATION DATA

**OBLIGATE**

Incremental Funding

**Baseline:**

| <u>PCN</u>         | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|--------------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 200-50776-002A(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 3,250.00   | 2 BL                |
| 200-50776-002B(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$199,000.00  | 3 BL                |
| 200-50776-002E(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 83,000.00  | 6 BL                |
| 200-50776-002F(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$150,000.00  | 10 BL               |
| 200-50776-002G(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 8,000.00   | 12 BL               |
| 200-50776-002H(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 60,000.00  | 14 BL               |
| 200-50776-002I(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 70,000.00  | 15 BL               |
| 200-50776-002J(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 33,000.00  | 16 BL               |
| 290-51796A(1C)     | 293-010-07-01-21 | 802/30110(02) | A501       | 29-2590   | \$ 51,390.00  | 14 BL               |

**IDIQ:**

| <u>PCN</u>         | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|--------------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 200-50776-002A(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 10,000.00  | 02-13A-2001         |
| 200-50776-002A(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 15,000.00  | 02-14A-2001         |
| 200-50776-002C(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 10,000.00  | 04-20-2001          |
| 200-50776-002C(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 3,000.00   | 04-12-2002          |
| 200-50776-002D(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 7,500.00   | 05-02B-2001         |
| 200-50776-002H(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 3,345.01   | 14.8-02-2001        |
| 228-51607F(1C)     | 228-029-05-01-02 | 802/30110(02) | A701       | 22-2550   | \$ 5,000.00   | 04-01-2001          |

4. No other changes to the subject contract are made by issuance of this modification.



|   |                                  |  |   |   |                   |
|---|----------------------------------|--|---|---|-------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |                                  |  |   | 1. CONTRACT ID CODE                                   | PAGE(S)<br>1 of 4 |
| 2. AMENDMENT/MODIFICATION NO.<br><b>23</b>  | 3. EFFECTIVE DATE<br>See Blk 16c | 4. REQUISITION/PURCHASE REQ. NO.<br>See Blk 14 As Applicable | 5. PROJECT NO. (If applicable)            |   |                   |
| 6. ISSUED BY<br>NASA<br>Goddard Space Flight Center<br>Wallops Flight Facility<br>Wallops Island, VA 23337  |                                  |  | 7. ADMINISTERED BY (If other than Item 6) |   |                   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>The Cube Corporation<br>45665 Willow Pond Plaza<br>Sterling VA 20164 |                                  |  | ( )                                       | 9A. AMENDMENT OF SOLICITATION NO.                     |                   |
|   |                                  |  |   | 9b. DATED (SEE ITEM 11)                               |                   |
|   |                                  |  | X   | 10A. MODIFICATION OF CONTRACT/ORDER<br>NO: NAS5-01080 |                   |
|   |                                  |  |   | 10B. DATED (SEE ITEM 13): 07-26-01                    |                   |
| CODE:   | FACILITY CODE:                   |  |   |   |                   |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/619**

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$12,507,086.50

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

|     |   |
|-----|---|
| ( ) | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|     | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b). |
|     | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
| X   | D. OTHER (Specify type of modification and authority) <b>Unilateral 52.232-22 Limitation of Funds (APR 1984)</b>  |



**E. IMPORTANT:** Contractor [ X ] is not, [ ] is required to sign this document and return \_\_\_\_\_ copies to be issued office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

|  |                  |  |   |
|--|------------------|--|---|
| 15A. NAME AND TITLED OF SIGNER (Type or print) |                  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Pamela J. Taylor   |   |
| 15B. CONTRACTOR/OFFEROR                        | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br>BY <br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br> |
| (Signature of person authorized to sign)       |                  |  |   |

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

**BASELINE:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$7,409,648.17                      By: \$377,417.88                      To: \$7,787,066.05

b. The total amount allotted for fee is revised as follows:

From: \$431,249.35                      By: \$21,966.12                      To: \$453,215.47

**IDIQ:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$3,938,054.13                      By: \$94,056.80                      To: \$4,032,110.93

b. The total amount allotted for fee is revised as follows:

From: \$229,219.85                      By: \$5,474.20                      To: \$234,694.05

c. The total amount allotted for payment of cost and fee is as follows:

From: \$12,008,171.50                      By: \$498,915.00                      To: \$12,507,086.50

Total amount of funds obligated per this modification is \$498,915.00.

The period of performance covered by the allotted funding is 09/01/01 through approximately 4/22/2002.

### 3. ACCOUNTING AND APPROPRIATION DATA

#### OBLIGATE

##### Incremental Funding

#### Baseline:

| PCN                 | JON              | APP           | BLI  | OC      | AMOUNT       | SOW & TO |
|---------------------|------------------|---------------|------|---------|--------------|----------|
| 200-50873-002B(1C)  | 204-771-50-50-21 | 802/30110(02) | A585 | 22-2550 | \$ 75,000.00 | 3 BL     |
| 200-50873-002D(1C)  | 204-771-50-50-21 | 802/30110(02) | A585 | 22-2550 | \$ 15,000.00 | 6 BL     |
| 200-50873-002E(1C)  | 204-771-50-50-21 | 802/30110(02) | A585 | 22-2550 | \$ 85,000.00 | 10 BL    |
| 200-50873-002F(1C)  | 204-771-50-50-21 | 802/30110(02) | A585 | 22-2550 | \$ 12,000.00 | 12 BL    |
| 200-50873-002G(1C)  | 204-771-50-50-21 | 802/30110(02) | A585 | 22-2550 | \$ 15,000.00 | 14 BL    |
| 200-50873-002H(1C)  | 204-771-50-50-21 | 802/30110(02) | A585 | 22-2550 | \$ 26,800.00 | 15 BL    |
| 200-50873-002I(1C)  | 204-771-50-50-21 | 802/30110(02) | A585 | 22-2550 | \$ 7,524.00  | 16 BL    |
| 200-50882-A(1C)     | 218-771-50-88-21 | 801/20110(01) | A585 | 22-2540 | \$ 85.00     | 2 BL     |
| 200-50882-B(1C)     | 218-771-50-88-21 | 801/20110(01) | A585 | 22-2540 | \$ 20,337.00 | 3 BL     |
| 200-50882-D(1C)     | 218-771-50-88-21 | 801/20110(01) | A585 | 22-2540 | \$ 5,031.00  | 6 BL     |
| 200-50882-E(1C)     | 218-771-50-88-21 | 801/20110(01) | A585 | 22-2540 | \$ 15,326.00 | 10 BL    |
| 200-50882-F(1C)     | 218-771-50-88-21 | 801/20110(01) | A585 | 22-2540 | \$ 264.00    | 12 BL    |
| 200-50882-G(1C)     | 218-771-50-88-21 | 801/20110(01) | A585 | 22-2540 | \$ 4,581.00  | 14 BL    |
| 200-50882-H(1C)     | 218-771-50-88-21 | 801/20110(01) | A585 | 22-2540 | \$ 7,804.00  | 15 BL    |
| 200-50882-I(1C)     | 218-771-50-88-21 | 801/20110(01) | A585 | 22-2540 | \$ 3,687.00  | 16 BL    |
| 231-51713-0003A(1C) | 233-771-50-76-01 | 802/30110(02) | A501 | 23-2590 | \$ 36,009.50 | 15 B     |
| 231-51713-0003B(1C) | 233-771-50-78-01 | 802/30110(02) | A501 | 23-2590 | \$ 481.50    | 15 B     |
| 290-51793-A(1C)     | 296-010-03-06-05 | 802/30110(02) | A501 | 29-2590 | \$ 69,454.00 | 12 BL    |

#### IDIQ:

| PCN                | JON              | APP           | BLI  | OC      | AMOUNT       | SOW & TO      |
|--------------------|------------------|---------------|------|---------|--------------|---------------|
| 200-50873-002A(1C) | 204-771-50-50-21 | 802/30110(02) | A585 | 22-2550 | \$ 16,076.00 | 02-13A-2001   |
| 200-50873-002A(1C) | 204-771-50-50-21 | 802/30110(02) | A585 | 22-2550 | \$ 10,717.00 | 02-14A-2001   |
| 200-50873-002C(1C) | 204-771-50-50-21 | 802/30110(02) | A585 | 22-2550 | \$ 1,316.00  | 05-06A-2001   |
| 200-50873-002G(1C) | 204-771-50-50-21 | 802/30110(02) | A585 | 22-2550 | \$ 4,100.00  | 14.8-02A-2001 |
| 200-50882-A(1C)    | 218-771-50-88-21 | 801/20110-01  | A585 | 22-2540 | \$ 1,983.00  | 02-11-2001    |
| 200-50882-A(1C)    | 218-771-50-88-21 | 801/20110-01  | A585 | 22-2540 | \$ 3,614.00  | 02-12-2001    |
| 200-50882-C(1C)    | 218-771-50-88-21 | 801/20110-01  | A585 | 22-2540 | \$ 579.00    | 04-11-2001    |
| 200-50882-D(1C)    | 218-771-50-88-21 | 801/20110-01  | A585 | 22-2540 | \$ 2,386.00  | 05-06-2001    |
| 200-50882-G(1C)    | 218-771-50-88-21 | 801/20110-01  | A585 | 22-2540 | \$ 1,260.00  | 14.8-02-2001  |
| 228-51607G(1C)     | 228-029-05-01-02 | 802/30110(02) | A701 | 22-2550 | \$ 6,000.00  | 04-01-2001    |
| 228-51610A(1C)     | 228-4956-2-39-01 | 802/40112(02) |      | 22-2550 | \$ 5,000.00  | 02-30-2002    |
| 228-51610B(1C)     | 228-4957-2-39-01 | 802/40112(02) |      | 22-2550 | \$ 5,000.00  | 02-32-2002    |
| 228-51610C(1C)     | 228-4958-2-39-01 | 802/40112(02) |      | 22-2550 | \$ 5,000.00  | 02-29-2002    |
| 228-51610D(1C)     | 228-4959-2-39-01 | 802/40112(02) |      | 22-2550 | \$ 5,000.00  | 02-28-2002    |
| 228-51610E(1C)     | 228-4960-2-39-01 | 802/40112(02) |      | 22-2550 | \$ 5,000.00  | 02-27-2002    |
| 840-60821B(1C)     | 846-329-96-50-01 | 802/30111     | A501 | 84-2590 | \$ 16,000.00 | 11-01-2001    |
| 840-60821B(1C)     | 846-329-96-50-01 | 802/30111     | A501 | 84-2590 | \$ 2,000.00  | 10-05-2002    |
| 840-60821B(1C)     | 846-329-96-50-01 | 802/30111     | A501 | 84-2590 | \$ 6,000.00  | 04-02-2001    |

**IDIQ Con't:**

| <u>PCN</u>     | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 840-60830A(1C) | 846-329-96-50-05 | 802/30111(01) | A501       | 84-2590   | \$ 850.00     | 10-05-2002          |
| 840-60830A(1C) | 846-329-96-50-05 | 802/30111(01) | A501       | 84-2590   | \$ 850.00     | 04-15-2002          |
| 840-60830A(1C) | 846-329-96-50-05 | 802/30111(01) | A501       | 84-2590   | \$ 800.00     | 11-02-2002          |

4. Effective per this modification, administrative changes to realign money will no longer be shown on the modification. This will allow the WICC Financial Manager to more easily realign funding.

5. No other changes to the subject contract are made by issuance of this modification.

|   |                                  |  |   |   |                   |
|---|----------------------------------|--|---|---|-------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |                                  |  |   | 1. CONTRACT ID CODE                                   | PAGE(S)<br>1 of 3 |
| 2. AMENDMENT/MODIFICATION NO.<br><b>24</b>  | 3. EFFECTIVE DATE<br>See Blk 16c | 4. REQUISITION/PURCHASE REQ. NO.<br>See Blk 14 As Applicable | 5. PROJECT NO. (If applicable)            |   |                   |
| 6. ISSUED BY<br>NASA<br>Goddard Space Flight Center<br>Wallops Flight Facility<br>Wallops Island, VA 23337  |                                  |  | 7. ADMINISTERED BY (If other than Item 6) |   |                   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>The Cube Corporation<br>45665 Willow Pond Plaza<br>Sterling VA 20164 |                                  |  | ( )                                       | 9A. AMENDMENT OF SOLICITATION NO.                     |                   |
|   |                                  |  |   | 9b. DATED (SEE ITEM 11)                               |                   |
|   |                                  |  | X   | 10A. MODIFICATION OF CONTRACT/ORDER<br>NO: NAS5-01080 |                   |
|   |                                  |  |   | 10B. DATED (SEE ITEM 13): 07-26-01                    |                   |
| CODE:   |                                  | FACILITY CODE:   |   |   |                   |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/619**  
**TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$15,141,811.51**

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

|     |   |
|-----|---|
| ( ) | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|     | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b). |
|     | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
| X   | D. OTHER (Specify type of modification and authority) <b>Unilateral 52.232-22 Limitation of Funds (APR 1984)</b>  |

**E. IMPORTANT:** Contractor [ X ] is not, [ ] is required to sign this document and return \_\_\_\_\_ copies to be issued office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

|  |                  |   |                                       |
|--|------------------|---|---------------------------------------|
| 15A. NAME AND TITLED OF SIGNER (Type or print) |                  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Pamela J. Taylor                    |                                       |
| 15B. CONTRACTOR/OFFEROR                        | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br>BY <i>Pamela J. Taylor</i><br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br><i>04-02-2002</i> |
| (Signature of person authorized to sign)       |                  |   |                                       |

*file*

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

**BASELINE:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$7,787,066.05                      By: \$2,061,267.09                      To: \$9,848,333.14

b. The total amount allotted for fee is revised as follows:

From: \$453,215.47                      By: \$119,967.92                      To: \$573,183.39

**IDIQ:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$4,032,110.93                      By: \$428,548.05                      To: \$4,460,658.98

b. The total amount allotted for fee is revised as follows:

From: \$234,694.05                      By: \$24,941.95                      To: \$259,636.00

c. The total amount allotted for payment of cost and fee is as follows:

From: \$12,507,086.50                      By: \$2,634,725.01                      To: \$15,141,811.51

Total amount of funds obligated per this modification is \$2,634,725.01.

The period of performance covered by the allotted funding is 09/01/01 through approximately 6/12/2002.

### 3. ACCOUNTING AND APPROPRIATION DATA

#### **OBLIGATE**

Incremental Funding

#### **Baseline:**

| <u>PCN</u>      | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|-----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 200-50975-A(1C) | 204-771-50-01-22 | 802/30110(02) | A585       | 20-2540   | \$ 2,520.00   | 6 BL                |
| 200-50975-A(1C) | 204-771-50-01-22 | 802/30110(02) | A585       | 20-2540   | \$ 5,590.00   | 9 BL                |
| 200-50977-B(1C) | 204-771-50-67-22 | 802/30110(02) | A585       | 20-2540   | \$ 8,750.01   | 3 BL                |
| 205-51189-A(1C) | 205-039-12-03-24 | 802/30110(02) | A501       | 20-2550   | \$ 70,000.00  | 7 BL                |
| 205-51189-B(1C) | 205-039-12-03-20 | 802/30110(02) | A501       | 20-2550   | \$ 95,870.00  | 8 BL                |
| 205-51189-C(1C) | 205-010-06-01-20 | 802/30110(02) | A501       | 20-2550   | \$ 62,625.00  | 9 BL                |
| 205-51189-D(1C) | 205-020-09-02-11 | 802/30110(02) | A501       | 20-2550   | \$ 322,205.00 | 10 BL               |
| 228-51613-A(1C) | 228-029-03-01-03 | 802/30110(02) | A501       | 22-2540   | \$ 169,100.00 | 2 BL                |
| 228-51689-D(1C) | 228-029-04-01-02 | 802/30110(02) | A585       | 22-2540   | \$ 813,875.00 | 3 BL                |
| 228-51689-E(1C) | 228-029-04-01-03 | 802/30110(02) | A585       | 22-2540   | \$ 200,000.00 | 3 BL                |
| 228-51689-F(1C) | 228-029-07-01-01 | 802/30110(02) | A585       | 22-2540   | \$ 139,700.00 | 6 BL                |
| 801-60468-A(1C) | 803-029-09-03-01 | 802/10110(02) | A504       | 80-2590   | \$ 291,000.00 | 11 BL               |

#### **IDIQ:**

| <u>PCN</u>      | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|-----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 110-50202-A(1C) | 112-010-01-03-44 | 8020112(02)   | A2-01      | 11-2527   | \$ 15,000.00  | 15-03A-2002         |
| 200-50975-A(1C) | 204-771-50-01-22 | 802/30110(02) | A585       | 20-2540   | \$ 4,720.00   | 05-04-2001          |
| 205-51189-B(1C) | 205-039-12-03-20 | 802/30110(02) | A501       | 20-2550   | \$ 72,194.00  | 08-02-2001          |
| 205-51189-B(1C) | 205-039-12-03-20 | 802/30110(02) | A501       | 20-2550   | \$ 5,826.00   | 08-01-2001          |
| 200-50883-A(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2550   | \$ 450.00     | 15-04-2002          |
| 228-51611-A(1C) | 228-029-05-01-02 | 802/30110(02) | A701       | 22-2550   | \$ 1,000.00   | 15-05-2002          |
| 228-51612-A(1C) | 802-721-40-01-14 | 802/30110(02) | A501       | 22-2540   | \$100,000.00  | 04-20-2002          |
| 228-51612-B(1C) | 802-721-40-01-02 | 802/30110(02) | A501       | 22-2540   | \$114,000.00  | 04-21-2002          |
| 228-51613-A(1C) | 228-029-03-01-03 | 802/30110(02) | A501       | 22-2540   | \$ 25,000.00  | 02-03-2001          |
| 228-51613-A(1C) | 228-029-03-01-03 | 802/30110(02) | A501       | 22-2540   | \$ 25,000.00  | 02-08-2001          |
| 228-51689-G(1C) | 228-029-04-02-01 | 802/30110(02) | A585       | 22-2540   | \$ 80,000.00  | 05-01-2001          |
| 801-60465-A(1C) | 800-049-59-03-01 | 802/10110(02) | A801       | 80-2590   | \$ 2,300.00   | 04-02A-2001         |
| 810-60631-A(1C) | 810-344-96-00-02 | 802/30110(02) | A501       | 81-2590   | \$ 7,000.00   | 04-18-2002          |
| 840-60831-A(1C) | 846-329-96-50-05 | 802/30111(02) | A501       | 84-2590   | \$ 1,000.00   | 15-06-2002          |

4. No other changes to the subject contract are made by issuance of this modification.

|   |                                  |  |   |   |                   |
|---|----------------------------------|--|---|---|-------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |                                  |  |   | CONTRACT ID CODE                                      | PAGE(S)<br>1 of 3 |
| 2. AMENDMENT/MODIFICATION NO.<br><b>25</b>  | 3. EFFECTIVE DATE<br>See Blk 16c | 4. REQUISITION/PURCHASE REQ. NO.<br>See Blk 14 As Applicable | 5. PROJECT NO. (if applicable)            |   |                   |
| 6. ISSUED BY<br>NASA<br>Goddard Space Flight Center<br>Wallops Flight Facility<br>Wallops Island, VA 23337  |                                  |  | 7. ADMINISTERED BY (if other than Item 6) |   |                   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>The Cube Corporation<br>45665 Willow Pond Plaza<br>Sterling VA 20164 |                                  |  | ( )                                       | 9A. AMENDMENT OF SOLICITATION NO.                     |                   |
|   |                                  |  |   | 9b. DATED (SEE ITEM 11)                               |                   |
|   |                                  |  | X   | 10A. MODIFICATION OF CONTRACT/ORDER<br>NO: NAS5-01080 |                   |
|   |                                  |  |   | 10B. DATED (SEE ITEM 13): 07-26-01                    |                   |
| CODE:   |                                  | FACILITY CODE:   |   |   |                   |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/619**  
**TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$16,081,843.46**

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

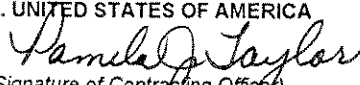
|  |   |
|--|---|
| ( )  | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|  | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b). |
|  | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
| X  | D. OTHER (Specify type of modification and authority) <b>Unilateral 52.232-22 Limitation of Funds (APR 1984)</b>  |
| <b>E. IMPORTANT:</b> Contractor [ X ] is not, [ ] is required to sign this document and return _____ copies to be issued office. |   |

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

|   |                  |  |  |
|---|------------------|--|--|
| 15A. NAME AND TITLED OF SIGNER (Type or print)                          |                  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Pamela J. Taylor   |  |
| 15B. CONTRACTOR/OFFEROR<br><br>(Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br>BY <br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br><b>16 April 2002</b> |



Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

**BASELINE:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$9,848,333.14                      By: \$600,460.56                      To: \$10,448,793.70

b. The total amount allotted for fee is revised as follows:

From: \$573,183.39                      By: \$34,947.44                      To: \$608,130.83

**IDIQ:**

a. The total amount allotted for payment of cost is revised as follows:

From: \$4,460,658.98                      By: \$287,869.64                      To: \$4,748,528.62

b. The total amount allotted for fee is revised as follows:

From: \$259,636.00                      By: \$16,754.31                      To: \$276,390.31

c. The total amount allotted for payment of cost and fee is as follows:

From: \$15,141,811.51                      By: \$940,031.95                      To: \$16,081,843.46

Total amount of funds obligated per this modification is \$940,031.95.

The period of performance covered by the allotted funding is 09/01/01 through approximately 7/1/2002.

### 3. ACCOUNTING AND APPROPRIATION DATA

#### OBLIGATE

Incremental Funding

#### Baseline:

| <u>PCN</u>         | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|--------------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 200-50795-A(1C)    | 204-771-50-74-23 | 802/30110(02) | A585       | 20-2349   | \$ 10,000.00  | 7 BL                |
| 200-50776-003A(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2590   | \$ 5,000.00   | 2 BL                |
| 200-50776-003B(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2590   | \$ 300,000.00 | 3 BL                |
| 200-50776-003E(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2590   | \$ 100,000.00 | 6 BL                |
| 200-50776-003F(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2590   | \$ 200,000.00 | 10 BL               |
| 200-50776-003G(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2590   | \$ 50,000.00  | 12 BL               |
| 200-50776-003H(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2590   | \$ 25,000.00  | 15 BL               |
| 228-01545-F(3C)    | 228-029-03-01-03 | 801/20110(01) | A501       | 22-2540   | \$ 20,000.00  | 2 BL*               |

#### IDIQ:

| <u>PCN</u>         | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|--------------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 205-51193-A(1C)    | 205-5994-2-44-11 | 80X0110(02)   |            | 20-2550   | \$ 88,803.00  | 10-04-2002          |
| 200-50776-003A(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2590   | \$ 9,500.00   | 02-13A-2001         |
| 200-50776-003A(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2590   | \$ 20,000.00  | 02-14A-2001         |
| 200-50776-003C(1C) | 204-771-50-24-23 | 802/30110(02) | A585       | 22-2590   | \$150,000.00  | 04-12-2002          |
| 228-51607-H(1C)    | 228-029-05-01-05 | 802/30110(02) | A701       | 22-2550   | \$ 25,000.00  | 04-08-2002          |
| 228-51610-F(1C)    | 228-4962-2-39-01 | 802/40112(02) |            | 22-2550   | \$ 5,000.00   | 02-26-2002          |
| 228-51610-G(1C)    | 228-4963-2-39-01 | 802/40112(02) |            | 22-2550   | \$ 5,000.00   | 02-31-2002          |
| 228-51612-C(1C)    | 802-721-40-01-14 | 802/30110(02) | A200       | 22-2550   | \$ 13,108.00  | 04-20-2002          |
| 228-51612-D(1C)    | 802-721-40-01-02 | 802/30110(02) | A501       | 22-2550   | \$ 5,000.00   | 04-21-2002          |
| 228-51612-E(1C)    | 802-721-40-01-02 | 802/30110(02) | A501       | 22-2550   | \$ 5,248.00   | 04-21-2002          |
| 228-51613-B(1C)    | 228-4868-1-37-01 | 801/30112(01) |            | 22-2550   | \$ 7,000.00   | 02-20-2002          |
| 231-51716A(1C)     | 231-010-08-07-02 | 802/30110(02) | A201       | 23-2624   | \$ 489.00     | 10-06-2002          |
| 840-60832-A(1C)    | 846-329-96-50-01 | 802/30111     | A501       | 84-2590   | \$ 15,000.00  | 11-01-2001          |

#### DEOBLIGATE:

| <u>PCN</u>      | <u>JON</u>       | <u>APP</u>    | <u>BLI</u> | <u>OC</u> | <u>AMOUNT</u> | <u>SOW &amp; TO</u> |
|-----------------|------------------|---------------|------------|-----------|---------------|---------------------|
| 228-51612-A(2P) | 802-721-40-01-14 | 802/30110(02) | A501       | 22-2540   | \$ 51,144.00  | 04-20-2002          |
| 200-00854-A(3C) | 298-771-52-25-21 | 801/20110(01) | A585       | 20-2540   | \$ 3,380.05   | 04-11-2001          |
| 200-00802B(2C)  | 238-771-50-54-23 | 801/20110(01) | A585       | 22-2540   | \$ 74,592.00  | 8 BL                |

\*Deobligated from NAS5-32261, Modification 190

4. No other changes to the subject contract are made by issuance of this modification.